

Release notes for ENDF/B Development dec-081_Tl_179
evaluation

ENDF
B-VII.dev

October 13, 2016

• fizcon Errors:

1. At least one gamma ray needed for given source mode
MAT=3021, MF= 8, MT=457 (1): Need gamma ray

ERROR(S) FOUND IN MAT=3021, MF= 8, MT=457
GAMMA RAY NEEDED, SOURCE MODE= 4

2. Energies released in decay not adding up!
MAT=3021, MF= 8, MT=457 (2): Bad energy sum

ERROR(S) FOUND IN MAT=3021, MF= 8, MT=457
PARTICLE ENERGY (AE) SUMUP FAILURE
WHOLE= 6.71375E+06 SUM= 6.56700E+06 SEQUENCE NUMBER 2

3. Energies released in decay not adding up!
MAT=3021, MF= 8, MT=457 (3): Bad energy sum

ERROR(S) FOUND IN MAT=3021, MF= 8, MT=457
ALPHA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 6.56700E+06 SUM= 6.71721E+06